| POSITION                  | INITIALS | ID NO. | DATE     |  |  |  |  |  |
|---------------------------|----------|--------|----------|--|--|--|--|--|
| FEE DETERMINATION         | Mulyann  |        | 07-25-01 |  |  |  |  |  |
| O.I.P.E. CLASSIFIER       |          | 48     | 8/1/01   |  |  |  |  |  |
| FORMALITY REVIEW          | 108      | 1090   | 9-60/    |  |  |  |  |  |
| RESPONSE FORMALITY REVIEW |          |        |          |  |  |  |  |  |

## **INDEX OF CLAIMS**

| Rejected                     | N Non-elected |
|------------------------------|---------------|
| = Allowed                    | IInterference |
| — (Through numeral) Canceled | A Appeal      |
| ÷ Restricted                 | O Objected    |

| Claim Date  |  |                    |           |         |               |          | Cia     | nin                   | Date        |     |          |            |                |          |          |               |              |                | Cla      | im              | Date     |          |               |              |          |          |          |          |            |          |          |
|-------------|--|--------------------|-----------|---------|---------------|----------|---------|-----------------------|-------------|-----|----------|------------|----------------|----------|----------|---------------|--------------|----------------|----------|-----------------|----------|----------|---------------|--------------|----------|----------|----------|----------|------------|----------|----------|
| - Z         |  |                    | Ī         |         |               |          |         |                       | Final       | lal |          |            |                |          |          |               |              |                |          |                 | Final    | Original |               |              |          |          |          | İ        |            |          |          |
| Origin 4    |  | 1                  |           |         |               |          |         | Ш                     | 芷           | ō   |          | _          |                | _        | 4        | $\perp$       | 4            | _              | $\perp$  | 4               |          |          | -             | 4            | $\dashv$ | 4        | -        | +        | +          | +        | 4        |
| 1(1)0       | <b>1</b>   |                    |           | Т       |               | T        |         |                       |             | 51  | $\perp$  | ┙          |                | _        | $\bot$   | 4             | 4            | 4              | _        | _               |          | 101      | $\dashv$      | 4            | $\dashv$ | +        | +        | +        | +          | +        | 4        |
| 2           | T  | П                  | Т         | $\perp$ |               |          |         |                       | L           | 52  |          |            | $\perp$        | _        | _        |               | _            | _              |          |                 | <u> </u> | 102      | -             | 4            | -        | _        | +        | +        | +-         | +        | 4        |
| 3           |  |                    | П.        | T       | Т             | Т        |         | T                     |             | 53  |          |            |                |          |          | $\perp$       |              | $\perp$        |          | _               | L        | 103      | _             | _            | $\dashv$ | 4        |          | 4        | 4          | 4        | 4        |
| 24          |  |                    | 7         | $\perp$ | Ι             | I        | $\Box$  | $\Box$                |             | 54  | $\Box$   |            | _              | 4        | _        | 4             | 4            | $\perp$        | _        | 4               | <u> </u> | 104      |               | -            | -        | -        | +        | +        | +          | ╀        | 4        |
| 5           |  | Į                  |           |         |               | ľ        |         | $\perp$               |             | 55  | Ш        | _          | _              | 4        | 4        |               | _            | 4              | 4        | ┦ .             | $\vdash$ | 105      | -             | $\dashv$     | -+       | -        | +        | ╀        | +          | ╬        | 4        |
| 76          |  | Ĭ                  |           |         | L             | ┸        | ┸       | $\perp$               | L           | 56  | Ц        | _          | _              | 1        | 4        | 4             | 4            | 4              | 4        | 4               | $\vdash$ | 106      | $\dashv$      |              | 4        | +        | +        | +        |            | ╀        | $\dashv$ |
| 17          |  |                    | $\perp$   | $\perp$ |               |          | $\perp$ | $\perp$               |             | 57  | Ц        | _          | _              | _ .      |          | 4             | _            | 4              | _        | 4               | $\vdash$ | 107      | $\dashv$      | _            | -        | $\dashv$ | +        | ╁        | +          | ╁        | 4        |
| (8)         |  |                    | $\perp$   | 1       | $\perp$       | $\perp$  | ┸       | $\perp$               | <u> </u>    | 58  | Ц        | _          | _              | 4        | -        | $\perp$       | $\dashv$     | 4              | -        | 4               | <u> </u> | 108      | $\dashv$      | -            | $\dashv$ | -+       | +        | +        | ╫          | ╁        | $\dashv$ |
| 9           |  | Ц                  | $\perp$   | $\perp$ | $\perp$       | L        | $\perp$ | $\perp$               | <u> </u>    | 59  | Ш        | _          | 4              | _        | -        | $\dashv$      | -            | _              | +        | 4               | -        | 109      | -             |              | $\dashv$ |          | +        |          | +          | +        | 4        |
| 10          |  |                    |           | $\perp$ | $\perp$       | L        | _ _     | $\perp$               | L           | 60  | Ш        | _          | _              | _        | 4        | $\dashv$      | -            | $\dashv$       |          | 4               | <b>—</b> | 110      | $\dashv$      |              | -1       | +        | +        | +        | +          | +        | 4        |
| [11]        |  |                    | ┙         |         | $\perp$       | ┸        | _       | Ш                     | <u> </u>    | 61  | Щ        | _          | -              | 4        | 4        | 4             | -            | -              | -        | 4               | $\vdash$ | 111      | -             |              | $\dashv$ | +        | +        | +        | +          | ╀        | -        |
| 12          |  | Ц                  | $\perp$   | $\perp$ |               | ┸        | 4       | 1.4                   | L           | 62  | $\sqcup$ | _          | _              | -        | -        | 4             | -+           | -              | -        | 4               | -        | 112      | -             | $\dashv$     | -+       | $\dashv$ | +        | +        | +-         | +        | -        |
| 13          |  |                    | ⅃.        | $\perp$ | ┸             | _        | ┵       | $\perp$               | _           | 63  | $\sqcup$ | _          | -              | -        |          | 4             | _            | -+             | +        | 4               | -        | 113      | -             |              | $\dashv$ | $\dashv$ | +        | ╁        | +          | +        | _        |
| 14          |  |                    | $\perp$   | $\perp$ |               | ┵        |         |                       | ·           | 64  | Ш        | _          | _              | 4        | -        | $\rightarrow$ | -            | 4              | -        | 4               | $\vdash$ | 114      |               |              | -        | -+       | +        | ╁        | +          | ╁        | _        |
| [15]        |  | Ш                  |           | $\perp$ | _             | $\perp$  | $\perp$ | $\perp$               | <u> </u>    | 65  | $\sqcup$ |            | _              | -        | _        | -             |              | $\dashv$       | +        | -               | -        | 115      | -             |              | -        | +        | +        | +        | +          | ╅        | _        |
| 16          | Ц_   | Ш                  | _         | 1       | 4             |          | 4       |                       | l ⊢         | 66  | Ш        |            | $\dashv$       |          | -        | -             | H            | -              | +        | -1              | -        | 117      | $\dashv$      |              |          | $\dashv$ | -+       | +        | +          | +        | _        |
| 17          | Ц_   | $\sqcup$           | _         | 4       | 4             | ┸        | 4       |                       | <u> </u>    | 67  | $\vdash$ |            | _              |          | $\dashv$ | -             | -}           | $\dashv$       |          | $\dashv$        | -        | 118      | Н             |              | $\dashv$ | ┥        | +        | +        | +          | +        | _        |
| 18          | Щ.   | Ц                  | _         | 4       | $\perp$       | 4        | 4       | 1_                    | <u> </u>    | 68  | Н        |            | $\vdash$       |          | -        | -             | 7            |                | +        | $\dashv$        | -        | +-       | $\overline{}$ |              | Н        | -+       | -+       | +        | +          | +        | _        |
| 19          | Ц_   |                    |           | $\perp$ | _             | $\perp$  | 4       | $\perp$               | _  _        | 69  | Н        | _          |                | _        |          | -             | -            | -              | -        | 4               | -        | 118      | $\vdash$      | -            |          | -+       | +        | ╁        | +          | +        | _        |
| 20          | <u> </u>   |                    |           | 1.      |               | ŀ        |         |                       | <u> </u>    | 70  | Ш        |            |                | _        | $\dashv$ | _             | _            | _              | _        | 4               | $\vdash$ | 120      |               |              | Н        | $\dashv$ | -        | +        | +          | -        | _        |
| 21          |  |                    |           |         |               |          |         |                       | L           | 71  | Ш        |            | Ц              | _        | _        | _             | _            | _              |          | _               | -        | 12       | _             | <u> </u>     | Н        | $\dashv$ | +        | -+       | +          | +        |          |
| 22          | L  |                    |           |         |               | ᆚ        | $\perp$ |                       | <u> </u> _  | 72  | Ш        |            | Ш              | _        | _        | _             | _            | _              | -        | 4               | -        | 122      | _             | _            | Н        | -        | $\dashv$ | -+       | +          | +        | _        |
| 23          |  |                    |           | $\perp$ |               |          |         | $\perp$               | <u> </u> _  | 73  |          |            | Ц              |          | _        | _             | _            | _              | _        | 4               | -        | 12       | _             | -            |          | -        | -        | -+       | +          | +        |          |
| . 24        |  | 2                  |           |         | $\perp$       |          |         |                       | <u> </u> _  | 74  |          |            | Ш              |          | _        |               | _            | _              | _        | _               | $\vdash$ | 124      | -             | <u> </u>     | $\vdash$ | Н        | -        | -+       | -+         | +        | _        |
| 25          |  |                    |           |         | 1             | $\perp$  |         |                       | _           | 75  |          | L_         | Ш              |          |          | _             | _            | _              | _        | 4               | $\vdash$ | 12       | -             | -            | $\vdash$ | $\vdash$ | $\dashv$ | -        | +          | +        | _        |
| 26          | Ì_   |                    |           |         | $\perp$       | $\perp$  | _       |                       | -           | 76  |          | <u> </u>   | Ш              |          | Щ        | _             | _            |                |          | 4               | $\vdash$ | 120      | +             | ├            | ļ.,      | $\vdash$ |          | $\dashv$ | +          | $\dashv$ | -        |
| 27          | 1_   |                    |           | $\perp$ | $\perp$       |          | _       |                       | l L         | 77  | _        | <u> </u>   | _              |          |          |               | _            |                | $\vdash$ | 4               | $\vdash$ | 12       | _             | <del> </del> | ┢        | Н        | -        | -        | $\dashv$   | $\dashv$ | _        |
| 128         |  |                    | $\Box$    | $\perp$ | $\perp$       |          | _       |                       | ↓ L         | 78  | -        | <u> </u>   | $\perp$        | <u> </u> | Щ        | Ш             | _            |                | $\vdash$ | _               | 1        | 12       | _             | ╄            | ┝        | Н        | $\vdash$ | $\dashv$ | $\dashv$   | ᅪ        | _        |
| 29          |  |                    | Ц         | _       | ┙             | _        | _       |                       | ↓           | 79  | -        | <b>!</b> _ | $\vdash$       | <u> </u> | _        |               |              |                | $\vdash$ |                 | $\vdash$ | 12       | -             | ╀            | ├-       | Н        | $\vdash$ | -        | $\dashv$   | $\dashv$ | _        |
| <u>:</u> 30 |  |                    | $\sqcup$  |         |               | _        | _       | $\bot$                | . L         | 80  | -        | <u> </u>   | _              |          | _        |               |              |                | $\vdash$ | 4               | $\vdash$ | 13       | -             | ╁            | ├-       | H        | $\vdash$ | -        | $\dashv$   | -+       | _        |
| 31          |  |                    | Ш         | $\perp$ | _             | _        | _       |                       | ↓ ├         | 8   | _        | -          | ┞-             | <u> </u> | _        | <u> </u>      | _            | _              | $\vdash$ |                 | $\vdash$ | 13       | _             | ╁            | ┼-       |          |          | -        | $\dashv$   |          | H        |
| 32          |  | $oldsymbol{\perp}$ | Ш         | _       | _             | _        | _       | $\perp$               | <b>↓</b>    | 82  |          | ╄          | ļ              | _        | <u> </u> |               | <u> </u>     | <u> </u>       | ₽        |                 | -        | 13       | -             | ╁            | +-       | -        | H        |          | $\dashv$   |          | $\vdash$ |
| 33          |  | ┖                  | $\sqcup$  | _       | 4             | _        |         |                       | ↓  _        | 83  | _        | ╀          | ╄              | <u> </u> | <u> </u> | _             | ┝            | <u> </u>       | $\vdash$ |                 | <u> </u> | 13       | _             | ╀            | ╀╌       | ⊨        | Н        |          | $\dashv$   | ᅱ        | ۲        |
| 34          | _1_  | 1                  | $\sqcup$  | _       | $\rightarrow$ | _        | _       |                       | 4 ├         | 84  |          | ╄          | ╄              | ⊢        | ┡        | ├-            | -            | -              | 1        | $\dashv$        | -        | 13       |               | +            | +-       | ⊢        | $\vdash$ |          | $\dashv$   |          | H        |
| 35          | $\perp$  | ┞-                 |           | _       | $\dashv$      | _        | _       |                       | <b>↓</b>  - | 8   |          | -          | ╀              | ⊢        | <b>├</b> | ├-            | -            | -              | $\vdash$ | -               | $\vdash$ | 13       |               | +            | ╀        | ╁        |          | $\vdash$ |            | $\dashv$ | ┝        |
| 36          | $\perp$  | 10                 | Ш         |         | 4             | $\dashv$ | _       | _                     | ┤├          | 80  | _        | ╁          | +              | ╀        | ⊢        | ┝             | $\vdash$     | ┢              | $\vdash$ |                 | H        | 13       |               | ╁            | +        | ╁        | $\vdash$ | Н        | $\dashv$   | $\dashv$ | t        |
| 37          | $\perp$  | 1                  | Ш         | _       | 4             | _        | _       | _                     | ┨┝          | 8   | _        | ╄          | +              | ╀╌       | ⊢        | ├-            | ⊢            | ┢              | $\vdash$ | $\dashv$        | ⊢        | 13       | -             | ╁            | ╁        | +        | ┝        | H        | -          | $\neg$   | ╁        |
| 38          |  | -                  | Ш         | _       | _             | _        | _       | +                     | ┥┝          | 8   |          | ╀          | +-             | ╀        | ╁        | ├-            | ⊢            | ╁              | $\vdash$ | $\dashv$        | -        | 13       | -             | ÷            | ╁╌       | ╁        | ╁        | Н        | $\dashv$   |          | H        |
| 39          |  | $\bot$             | $\sqcup$  |         |               |          | _       |                       |             | 8   | -        | +          | +              | ╀        | ┼        | ⊢             | ├            | ╁              | ╁╌┧      | $\dashv$        | H        | 14       | +-            | +            | ╁        | ┼        | -        | ┝        | -          | —        | t        |
| 40          |  | ┺                  | _         | _       | _             | _        |         | $\perp$               | <b>↓</b>    | 9   | -        | $\bot$     | ┼-             | ↓_       | ╄        | ┝             | ⊢            | <del> </del> — | ₩        | 4               | -        | -        | -             | +            | +        | +        | +-       | $\vdash$ | Н          | H        | ╁        |
| 41/         |  |                    | Ш         |         | $\dashv$      |          |         |                       | J L         | 9   | -        | ـــــ      | ╄              | ╄        | ╄        | ļ             | ▙            | ↓_             | $\vdash$ |                 | ⊢        | 14       |               | +            | ┿        | -        | ╁        |          | Н          | $\vdash$ | ╁        |
| 42          |  |                    | Ш         |         | $\Box$        |          |         | $\perp$               | 4 F         | 9   | 2        | $\bot$     | <del> </del> - | $\perp$  | 1        | $\perp$       | <del> </del> | i-             | ╀╌┤      | 4               | -        | 14       | 4             | +            | +-       | ╁        | +-       | ├-       | $\vdash$   | -        | +        |
| 43          | $\perp$  | L                  | Ш         |         |               |          | Ш       | $\perp$               | 4 L         | 9   |          | $\bot$     | $\perp$        | ╄        | ╀        | $\vdash$      | ⊢            | ┼-             | ₩        | _               |          | 14       |               | +            | +-       | ╁        | +-       | -        | -          | -        | +        |
| 44          | $oldsymbol{oldsymbol{oldsymbol{oldsymbol{\Box}}}$  |                    | Ш         |         |               |          |         | $\Box$                | <b>↓</b> ↓  |     | 4        | 4          | $\bot$         | 1        | $\perp$  | 1_            | $\vdash$     | 4              | $\sqcup$ | -               | -        | 14       |               | +            | 4-       | +-       | ┼-       | ├-       | -          | -        | ł        |
| 45          | $\Box$   | $oxed{\Box}$       | $\square$ |         | $\Box$        |          |         | $oxed{oxed}$          | <b>↓</b>    | 9   |          | _          | $\bot$         | 4        | +        | +             | 1-           | ╄-             | $\vdash$ | Щ               | F        | 14       |               | ╀            | +        | -        | ╄        | ⊢        | ├          | -        | ╀        |
| 46          |  | L                  | $\sqcup$  |         | Ш             |          |         | ot                    | <b>↓</b> ↓  | 9   | 6        | 4-         | $\perp$        | $\perp$  | 1        | <del> </del>  | $\vdash$     | 1              | H        | $\vdash$        | -        | 14       | 9_            | 4-           | +        | +        | +-       | ₩        | -          | $\vdash$ | +        |
| 47          | $oldsymbol{ol}}}}}}}}}}}}}}$ |                    |           |         |               |          |         | oxdot                 | J           | 9   | 7        | $\perp$    | ↓-             | $\perp$  | 1-       | $\perp$       | ╄            | ┡              | +        | Щ               |          | 1.       |               | +            | +        | +        | +-       | ـ        | <b>├</b> - | ⊢        | +        |
| 48          |  |                    |           |         | Ш             |          | 匚       | $\sqcup \!\!\! \perp$ | 4 L         | 9   | 8        | +          | $\perp$        | 4-       | +        | 4-            | +            | 4-             | +        | $\vdash \vdash$ | -        | 1.       |               | +            | +        | +-       | +        | ╁        | $\vdash$   | ├-       | +        |
| 49<br>50    | - 1  |                    |           |         |               |          | 乚       | $\sqcup \!\!\! \perp$ | 4 L         | 10  | 9        | ┸          | _              | 丄        | ╄        | $\bot$        | +-           | 4              | ╁.       | $\square$       | -        | 1        | 19<br>50      | -            | +-       | +-       | +        | ╁        | ╀╌         | ├        | +        |

If more than 150 claims or 10 actions staple additional sheet here